

P25 NMCB TOA



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TOA



The P25 Configuration:

*MCA: Modular Core Air Det

*MB: Modular Basic

*MH: Modular Heavy

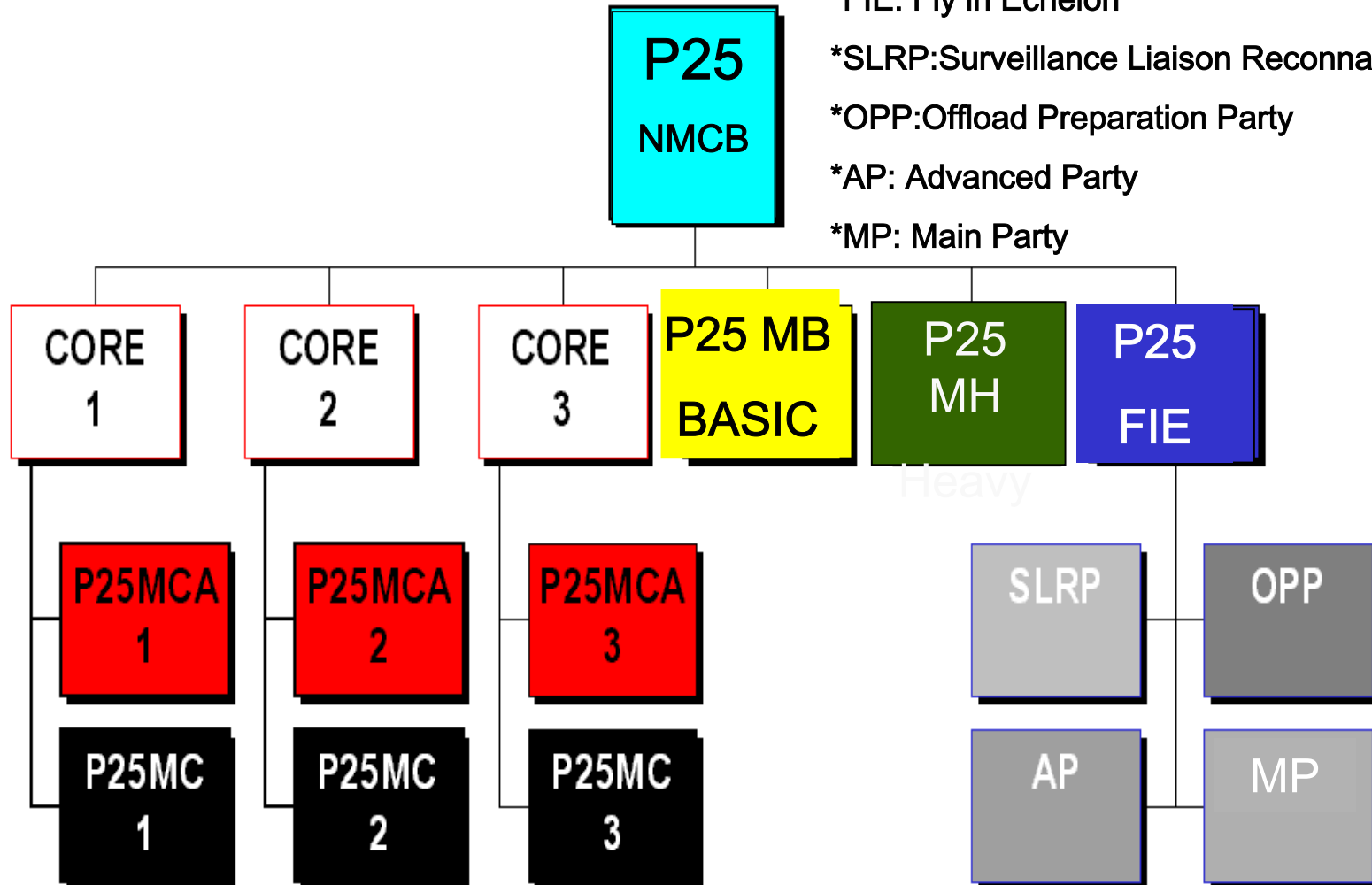
*FIE: Fly in Echelon

*SLRP: Surveillance Liaison Reconnaissance Party

*OPP: Offload Preparation Party

*AP: Advanced Party

*MP: Main Party





The P25 Configuration:

Provides Task Tailoring



Modular Core Air Det (MCA) 125 personnel reinforced Air Det capability with self sustaining camp.



Modular Core (MC) 125 personnel Core module. When combined with an MCA, provides a 250 personnel self sustaining camp.



Modular Basic (MB) Used to enhance the capability of a Core. Provides B/C Co. shop equipment, tools, and CESE and HQ Co support.



Modular Heavy (MH) Used to enhance the capability of a Core. Provides A Co. shop equipment, tools, CESE, ABM and water well drilling capability.



Fly In Echelon (FIE) Weapons, 782 gear, comm, CESE, for SLRP, OPP, AP, and MP air movements.

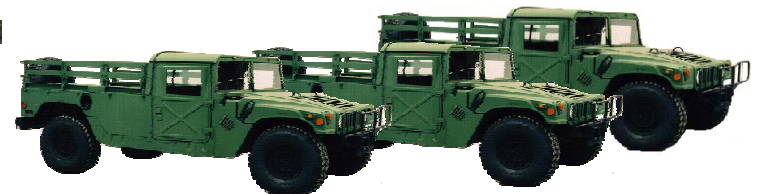
MCA – Reinforced Air Det

- Every MCA element supports 125 personnel with tent camp and light construction capability.
- The tent camp includes berthing, showers, a galley facility, water and fuel storage, a four-hole burn out latrine, and security fencing.
- Containerized in Std. ISO containers, TRICONs, and Flat racks. For specific quantities of designated containers refer to master packing plan (MPP).
- Includes Automotive Repair Parts (MOD 96 and MOD 98), tools and equipment for basic CESE maintenance.
- Communication gear is allocated to the Fly-in Echelons.
- Tool kits of various types (including mechanics tool kits).



MC – Modular Core

- Enhances an MCA module to support 250-personnel. Adds berthing, a laundry skid, large capacity water storage and water treatment unit, additional power distribution capability, and additional support facilities.
- Containerized in Std. ISO , TRICON, and Flat racks. For specific container requirements refer to CBCHUE code N4, Master Packing Plan.
- Galley and messing facilities and enhanced CESE maintenance capability ,repair parts, and various tool kits to enhance operational capability.
- Minimal communications gear consists of telephone equipment.



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P25 MB – *Modular Basic*

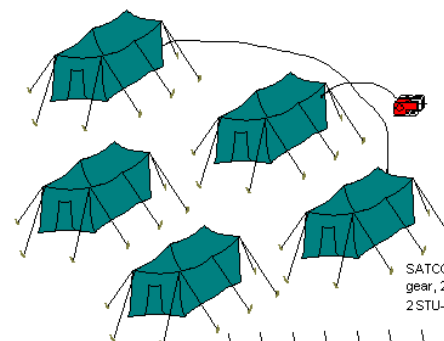
- Enhances a P25 NMCB tent camp with additional facilities and operational capabilities.

- Facilities**

- Administrative offices.
- Additional messing and food prep facilities.
- Group rations (replacement for MREs).
- POL facilities (larger capacity fuel storage).

- Weapons/Comm gear**

- Four additional M60 machine guns.
- No communications gear.



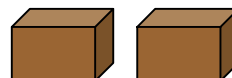
- CESE**

- Machine shop trailer.
- RTCH, Rough Terrain Cargo Handler.
- Various CESE to enhance operational capability.



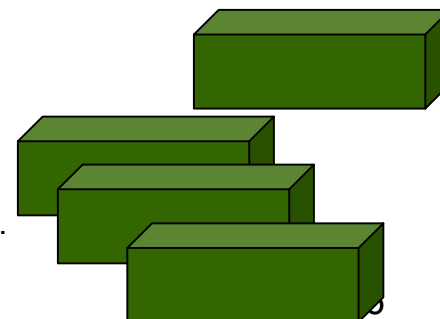
- CTR (Central Tool Room)**

- Additional tool kits to support Bravo and Charlie co.



- Containers**

- Containerized in Std. ISO containers, refrigerated containers and Flat racks.
- For specific container requirements refer to CBCHUE code N4, Master Packing Plan.



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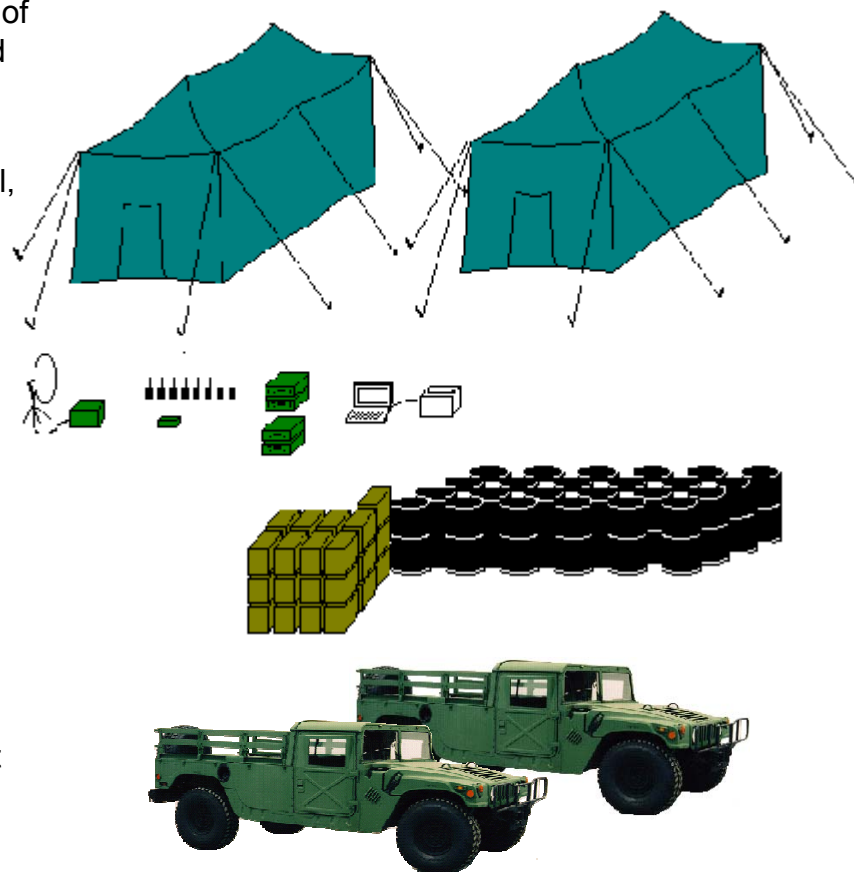


P25 MH – *Modular Heavy*

- Enhances a P25 NMCB tent camp with additional facilities and operational capabilities.
- **Facilities**
 - Additional group rations (replacement for MREs).
 - Additional POL facilities (larger capacity fuel storage).
 - Alfa Company shops.
- **No Communication gear**
- **CESE**
 - Water well drilling capability.
 - RTCH, Rough Terrain Cargo Handler.
 - Various CESE to enhance operational capability.
 - ABM, Automated Building Machine.
- **CTR (Central Tool Room)**
 - Additional tool kits for Alfa Company to achieve maximum repair capability.
- **Containers**
 - Containerized in Std. ISO containers, half-height containers, refrigerated containers and Flat racks.
 - For specific container requirements refer to CBCHUE code N4, Master Packing Plan.

SLRP - *Surveillance, Liaison, and Reconnaissance Party*

- **Air transportable.**
- SLRP provides individual equipment and shelters for a small party of Seabees to operate for 2-weeks, scouting out areas for offload and staging area.
- Includes cargo HMMWVs with associated POL (DF2 drummed fuel, and 30W Oil). No maintenance capabilities.
- Tent camp includes tents, cots, sleeping bags, insect nets, stove, cleaners, coffee maker, flashlight, consumables and propane.
- MREs (324 meals/108 Man days).
120 Man days of supplements (dry milk, coffee, dry fruit, etc)
- Communications gear.
Includes HF and VHF radios (base station and vehicular), and Laptop computer w/ Laser Printer.
- Additional water and personnel essentials are provided by the host nation.
- Personal Equipment includes:
 - Small arms, 782 Gear, Flak jacket,
 - Kevlar helmet, CBR gear, and a first aid kit.
 - Optical gear and Night Vision scopes and goggles



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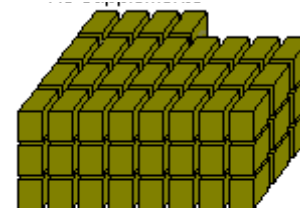


FIE - *Fly In Echelon*

OPP – *Offload Preparation Party*

- **Air transportable**
- OPP provides individual equipment for a party of Seabees to assist with offloading the various modules from MPF vessels.
- MRE allowance for 10-days.
- Limited communications gear.
- Personal Equipment includes:
 - Small arms, 782 Gear, Sleeping bags, Flak jacket,
 - Kevlar helmet, CBR gear, and a first aid kit.

MREs



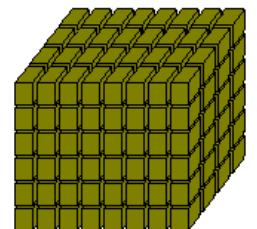
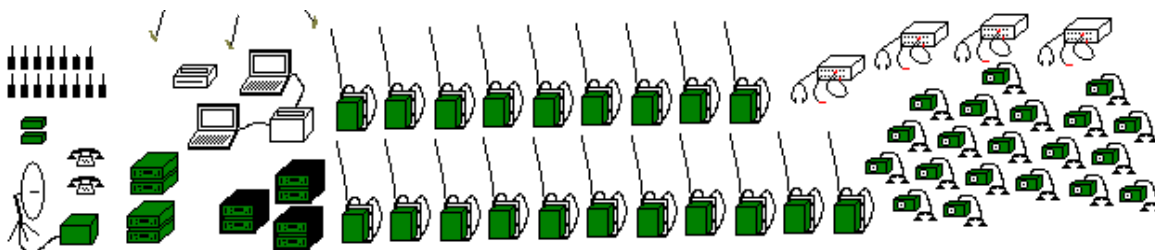
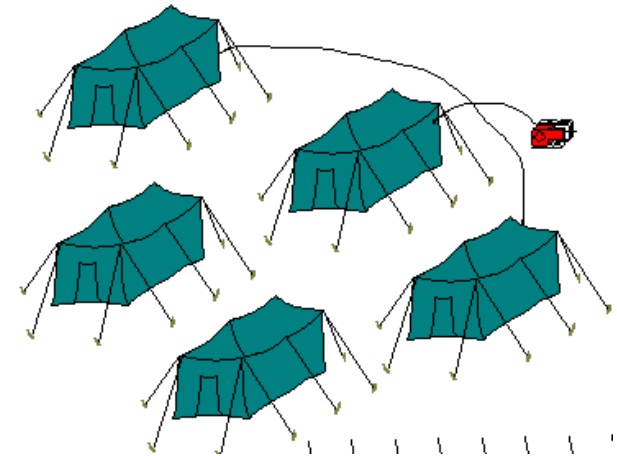
Communication gear

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FIE - *Fly In Echelon*

AP – *Advance Party*

- **Air transportable**
- AP provides individual gear for a party of Seabees and a small equipment allowance.
- The tent camp consists of tents, cots, etc. and a 5 kw generator.
- MREs and supplements.
- CESE allowance for moving Seabees and their gear.
- POL – (3 to 5 days).
- Communications gear.



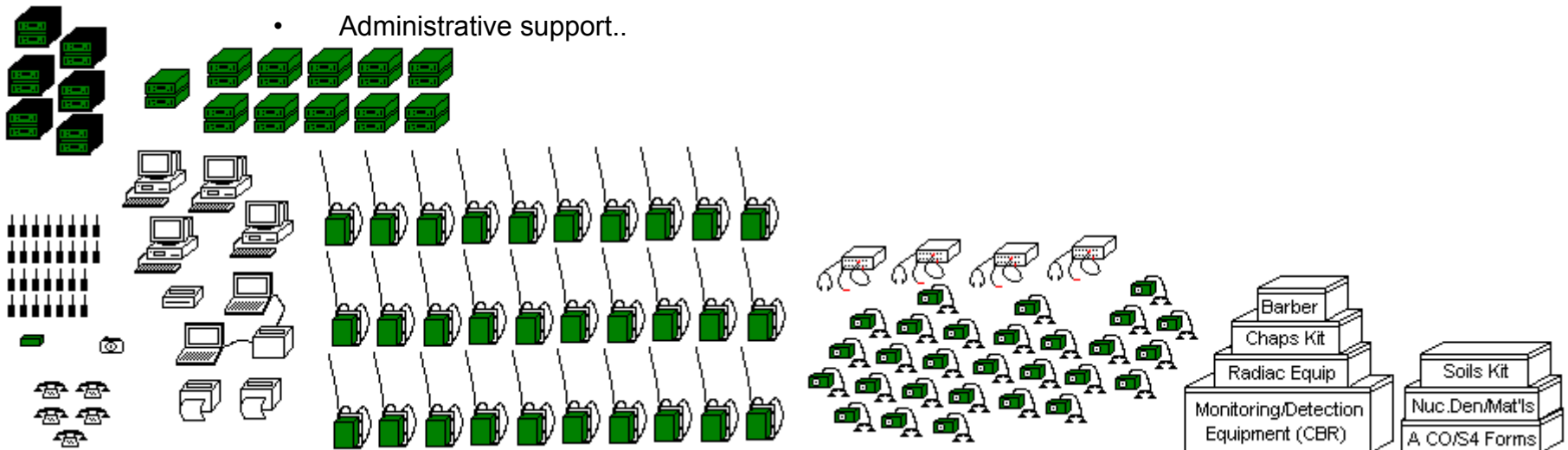
P25 NMCB TOA



FIE - *Fly In Echelon*

MP – *Main Party*

- **Air transportable.**
- Provides individual gear and equipment for main party personnel.
- No tent camp facilities.
- Communications gear.
- Tool kits: Soils Kit, Nuclear Densitometer Kits, specialized CBR detection equipment.
- Chaplain Kit,
- Barber's equipment
- Administrative support..



Seabee Modular TOA

- NMCB reconfigured into modular packup:

- 3 *Core* modules

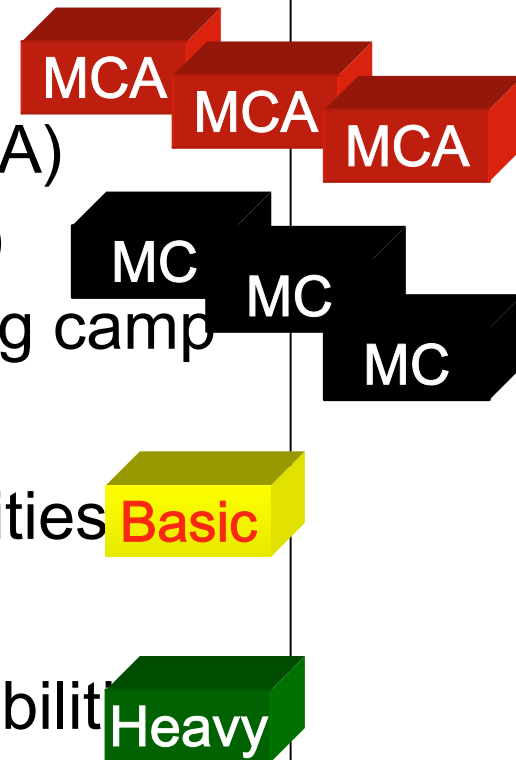
- 125 person self-sustaining Air Det (MCA)
 - 125 person additional direct labor (MC)
 - MC + MCA = 250 person self-sustaining camp

- 1 *Basic* module

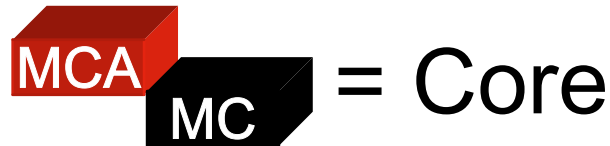
- Enhanced vertical construction capabilities

- 1 *Heavy* module

- Enhanced horizontal construction capabilities



Module Capabilities

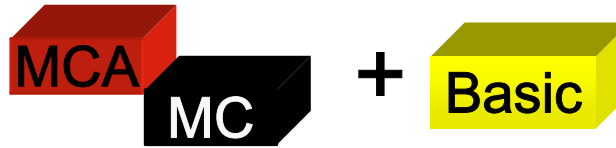


- 250 Person Self-sustaining Tent Camp
- Vertical Construction
 - 1- 35T Lattice Boom Crane
 - 2- Forklifts
 - 1- Concrete Mixer
 - 2- Arc Welders and Gas Cutting Rigs
 - 2- 33000 GPH Centrifugal Pumps
 - 32- Kits for Construction Rates
- Horizontal Construction
 - 5- Dump Trucks 5T
 - 2- Road Grader
 - 3- Front-End Loaders
 - 1- Compactor Roller
 - 3- Bulldozers
- Line Haul
 - 4- Trk. Cargo 4X4
 - 4- Trk. Cargo 8T 20' Bed
 - 6- Semi-Tractor/Trlr. Rigs
- Self Defense
 - 2- 60mm M224 Mortar
 - 2- M2 50cal Machine Gun (MG)
 - 2- MK19 40mm MG (Grenade Launcher)
 - 4- M60E3 7.62mm MG

250 Man Tent Camp



Module Capabilities



• 250 Person Self-sustaining Tent Camp +Camp Support for Full Bn

• Vertical Construction

- 1- 35T Lattice Boom Crane
- 2+3- Forklifts
- 1- Concrete Mixer
- 2- Arc Welders and Gas Cutting Rigs
- 2+1- Centrifugal Pumps
- 32+18- Kits for Construction Rates
- Complete Maintenance & Const. Rate Shops

• Line Haul

- 4+2-Trk. Cargo 4X4
- 4-Trk. Cargo 8T 20' Bed MTVR
- 6+2-Semi-Tractor/Trlr. Rigs
- 1- 50K RTCH
- 1- Wrecker + Service Trucks
- 1- Fuel Truck

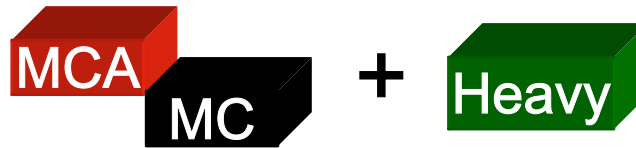
• Horizontal Construction

- 5- Dump Trucks 5T
- 2- Road Grader
- 3- Front-End Loaders
- 1+1- Compactor Roller
- 3+1- Bulldozers
- 3- Scrapers 18CY
- 2- Earth Augers
- 1- Ditching Machine
- 1- Excavator

• Self Defense

- 2- 60mm M224 Mortar
- 2- M2 50cal Machine Gun (MG)
- 2- MK19 40mm MG (Grenade Launcher)
- 4+4- M60E3 7.62mm MG

Module Capabilities



250 Person Self-sustaining Tent Camp.

• Vertical Construction

- 1- 35T Lattice Boom Crane
- 2+1- Forklift
- 1- Concrete Mixer
- 2- Arc Welders and Gas Cutting Rigs
- 2- 33000 GPH Centrifugal Pumps
- 32- Kits for Construction Rates

• Line Haul

- 4+2-Trk. Cargo 4X4
- 4-Trk. Cargo 8T 20' Bed
- 6+0-Semi-Tractor/Trlr. Rigs
- 1- 50K RTCH
- 1- Wrecker + Service Trucks
- 1- Fuel Truck

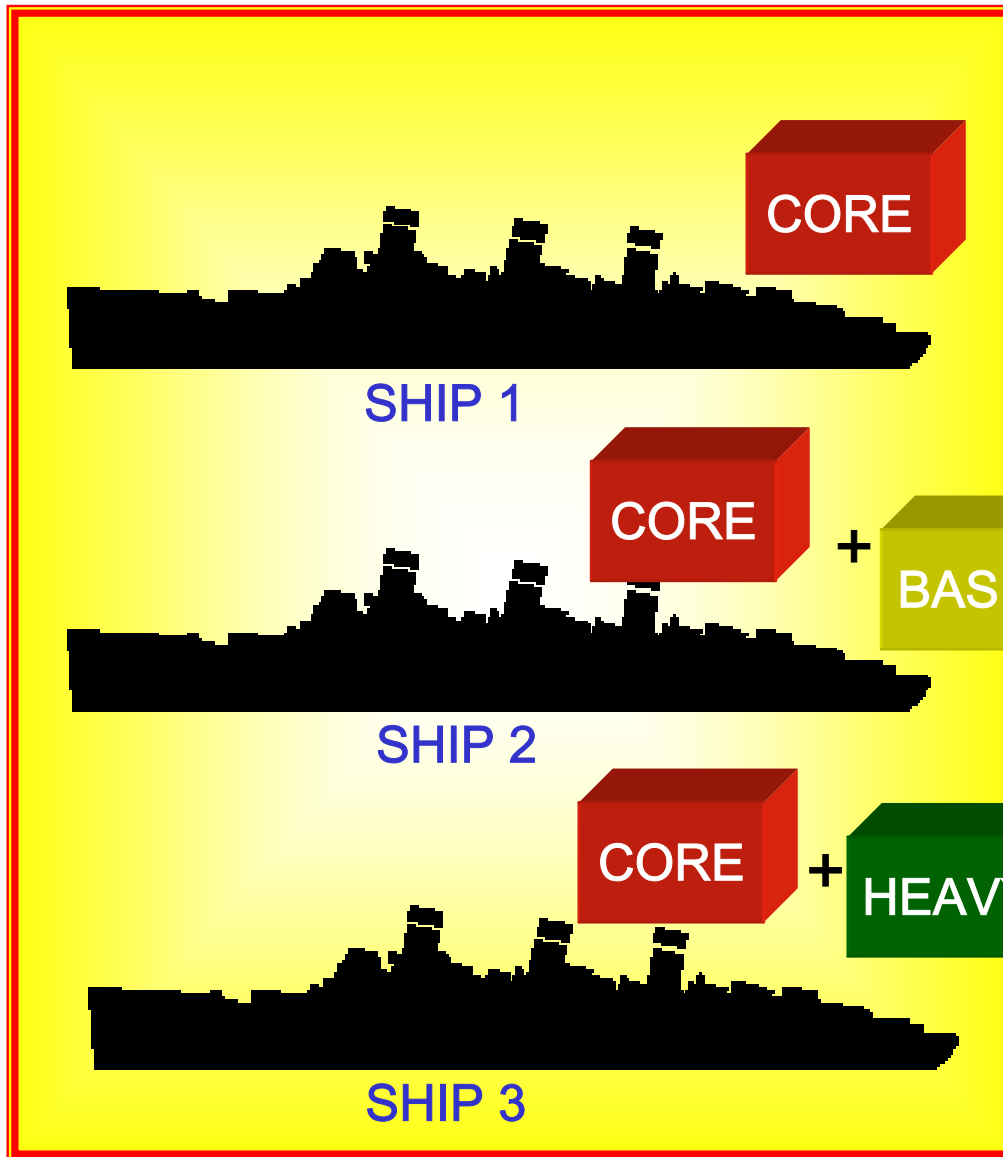
• Horizontal Construction

- 5+1- Dump Trucks 5T
- 2- Road Grader
- 3+1- Front-End Loaders
- 1+1- Compactor Roller
- 3+2- Bulldozers
- 3- Scrapers 18CY
- 1- Water Well Rig 1,500 FT
- 1- Excavators
- 1- Asphalt Distributor
- Complete Mechanics Shop

• Self Defense

- 2- 60mm M224 Mortar
- 2- M2 50cal Machine Gun (MG)
- 2- MK19 40mm MG (Grenade Launcher)
- 4- M60E3 7.62mm MG

NCF TOA Spreadload



$$+ \text{FIE} =$$

NMCB & NCR

3 Ship spread NOT to include the
Flag or Alt-Flag Ship in any
MPSRON

Fly In Echelon Elements

SLRP - 8 days prior to MPSRON arrival

8 Seabees with:

MREs & water for 7 days

2 HMMWVs w/ POL for 7 days

AP - 4 days prior to "Offload" day

69 Seabees with:

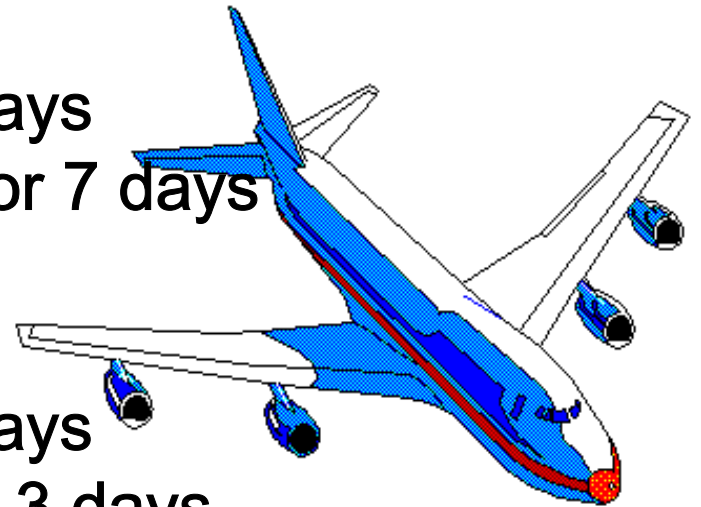
MREs & water for 3 days

8 Vehicles w/ POL for 3 days

3 Tents with 69 cots

OPP - 22 Seabees embark aboard MPSRON 96 hours prior to offload

MB - 713 Seabees + Ind. weapons, comm gear/computers & 782 gear



Questions

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